



MD-272/MD-273

TV Media Player

Full Manual



Introduction

Congratulations on your purchase of the Sitecom MD-272/MD-273 TV Media Player. The MD-272/273 TV Media Player supports playback of the most common file formats of digital video, audio and photo media. Attach the media player via standard AV or HDMI cables to a standard or high-definition TV. The compact size of the device allows you to take it with you to anyone you like and share your digital content.

Photos

- Display slide shows with music
- Zoom, pan, move and rotate photos

Video

- Fast forward, rewind, pause, zoom, and pan
- View subtitles

Music

- Fast forward, rewind, pause, shuffle, and repeat
- Playlist support

Network

- Connect the TV Media Player via cable or wireless to your home network
- Play Media from a NAS or computer directly to your TV

Online

- Connect the TV Media Player via cable or wireless to the internet
- View Media from popular applications such as YouTube and MediaFly
- Use popular online applications such as Facebook

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Revision 1.1

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Note: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

1 Key Features

The key features of MD-272/273 TV Media Player include:

- HDMI interface for digital audio and high-definition video.
- Composite interface (RCA, yellow/white/red) for analogue AV connection.
- Video output resolution includes 480i (using the composite interface), or 480p, 576p, 720i, 720p, 1080i, and 1080p (available when using the HDMI interface).
- Built-in screensaver.
- Remote Control included.
- Dolby Digital and DTS support.
- Ethernet connection for network connectivity.

Supported file types

Video	Audio	Photo	Playlist	Subtitles
Mpeg 1	MP3 (CBR, VBR)	GIF	PLS	SRT (UTF-8)
Mpeg 2	MP2	BMP	M3U	SMI
Mpeg 4 (ASP)	WAV/PCM/LPCM	JPEG		SUB
Mpeg 4 (AVC HD/H.264)	AAC (Mpeg 4)	TIF/TIFF		ASS
WMV9	AC3 (Dolby)	PNG		SSA
VC-1	FLAC			
MKV	WMA			
Xvid	WMA Pro			
DivX	Ogg Vorbis			
AVI (MPEG4, Xvid, AVC)				
VOB/ISO/IFO				
DVR-MS				
ASF				
MOV(MPEG4, H.264)				
DAT (VCD/SVCD)				
FLV				

2 Package Contents

Open the package carefully, and make sure that none of the items listed below are missing. Do not discard the packing materials, in case of return; the unit must be shipped back in its original package.

The contents of the package of the MD-272/273 TV Media Player are:

- TV Media Player
- HDMI Cable
- RCA Cable
- Remote control with batteries
- 12V DC adapter
- Quick Installation Guide
- CD-ROM with additional manuals
- USB cable (MD-272 only)

3 Cautions

This player's design and manufacturer has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

3.1 Usage Cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5 ~ +35 degrees Celsius.

3.2 Power

The player's power voltage is DC 12V.

When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

3.3 Radio Interference

- If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.
- The design of this player has followed the FCC/CE standard, and has followed the following rules:
 - (1) This player may not cause harmful interference;
 - (2) This player could accept some interference received including interference that may cause undesired operation.

3.4 Repair

If the player has a problem, you should take it to an appointed repair centre and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

3.5 Disposing of the Player

When you dispose of the player, be sure to dispose it appropriately. Some countries may regulate disposal of electrical device, please consult with your local authority.

3.6 Hard Disk Cautions (MD-272 only)

The player uses an internal hard disk for data storage, in normal case, format or repair is not required. You should carefully read the <Frequently Asked Questions> chapter on our website for the latest information before formatting the hard disk.

- Physical impact may create bad sectors on the hard disk, you can use CHKDSK to fix the problem.
- All data stored on the player may be lost due to physical impact, electrical shock, power surge, HDD format etc. Please backup your data regularly.
- It is suggested to do a defragmentation after a long period of usage.
- Regularly backup the data in the hard disk so that it can be recovered in the event of data corruption or loss. Our company takes no responsibility for loss of data stored on the hard disk.

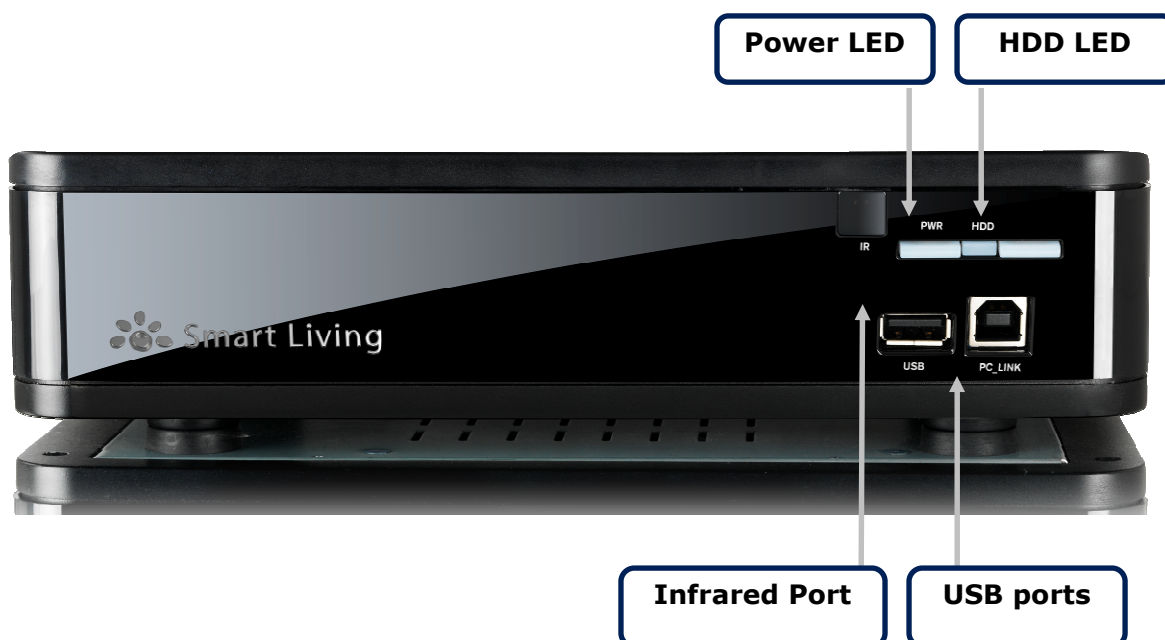
3.7 Other

When using this player, please do not let the player come into contact with water or other liquid, if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage. Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

- Do not let the player come into contact with water or other liquid.
- Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.
- Do not press the buttons of the remote too hard.
- Avoid hitting the player with a hard object, avoid shaking the player and stay away from magnetic fields.
- If during electrostatic discharge or a strong electromagnetic field the product will malfunction, unplug the power cable. The product will return to normal performance the next time it is powered on.

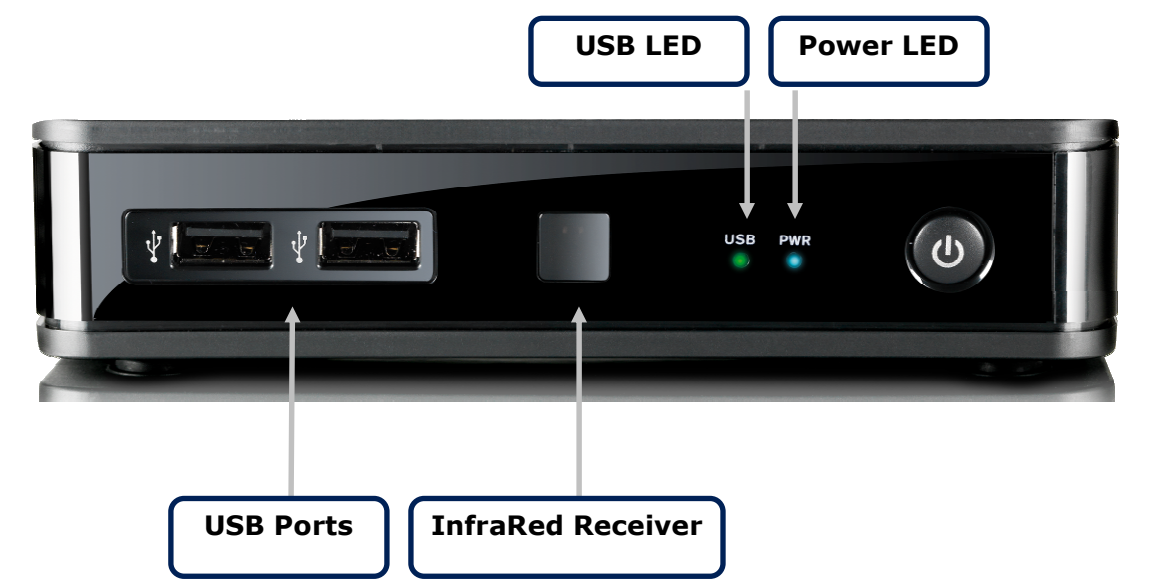
4 Product Layout

4.1.1 Front Panel MD-272



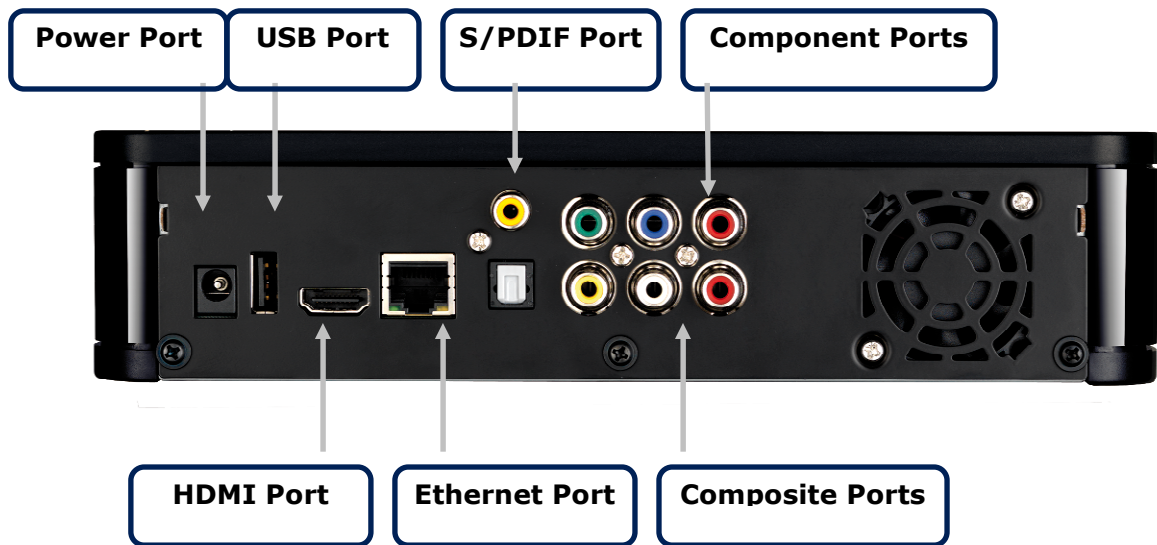
Item	Description
USB Ports	Use thes to connect the Media Player to your PC or to connect external storage to the MD-272.
InfraRed Port	Point the Remote Control at the InfraRed Receiver.
Hard disk LED	The LED lights green when the Hard disk inside the MD-272 is active.
Power LED	The LED lights blue when the MD-272 is switched on.

4.1.2 Front Panel MD-273



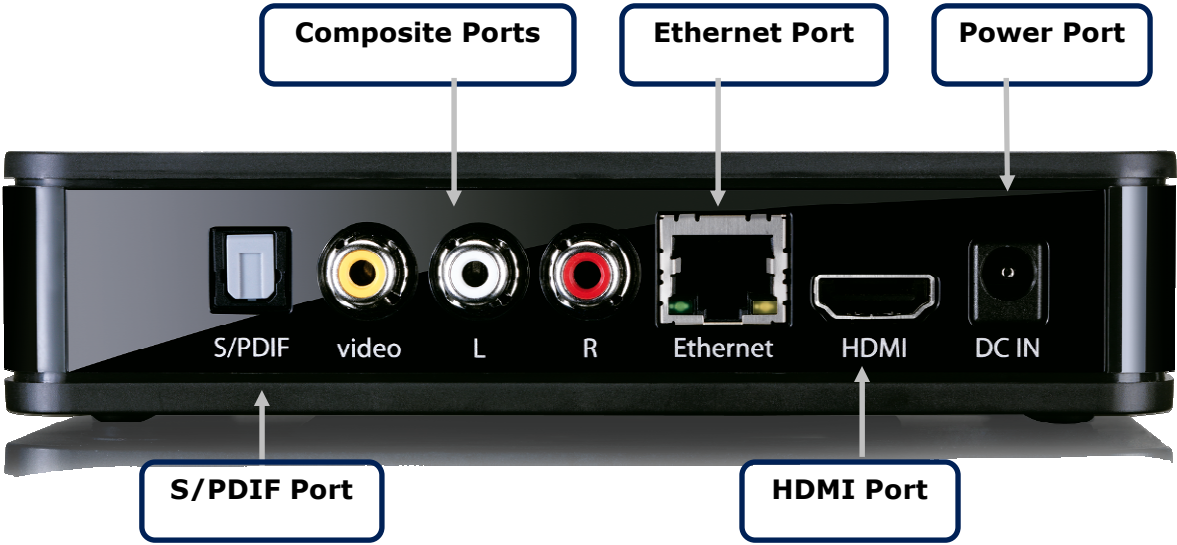
Item	Description
USB Ports	Use these to connect the Media Player to your external storage.
InfraRed Receiver	Point the Remote Control at the InfraRed Receiver.
USB LED	The LED lights green when external storage is connected.
Power LED	The LED lights blue when the MD-273 is switched on.

4.2.1 Back Panel MD-272



Item	Description
Power Connector	Connect the 12V DC Adapter to this port.
USB Port	Use this to connect USB external storage
S/PDIF Ports	Use these to connect a coaxial or optical cable.
Component Ports	Use these to connect a component video cable.
HDMI Port	Use this to connect a digital Television.
Ethernet Port	Use this to connect to your home network.
Composite Ports	Use these to connect a composite audio/video cable.

4.2.2 Back Panel MD-273




















Item	Description
Power Connector	Connect the 12V DC Adapter to this port.
Ethernet Port	Use this to connect to your home network.
S/PDIF Port	Use these to connect a optical audio cable.
Composite Ports	Use these to connect a composite audio/video cable.
HDMI Port	Use this to connect a digital Television.

4.3 Remote Control



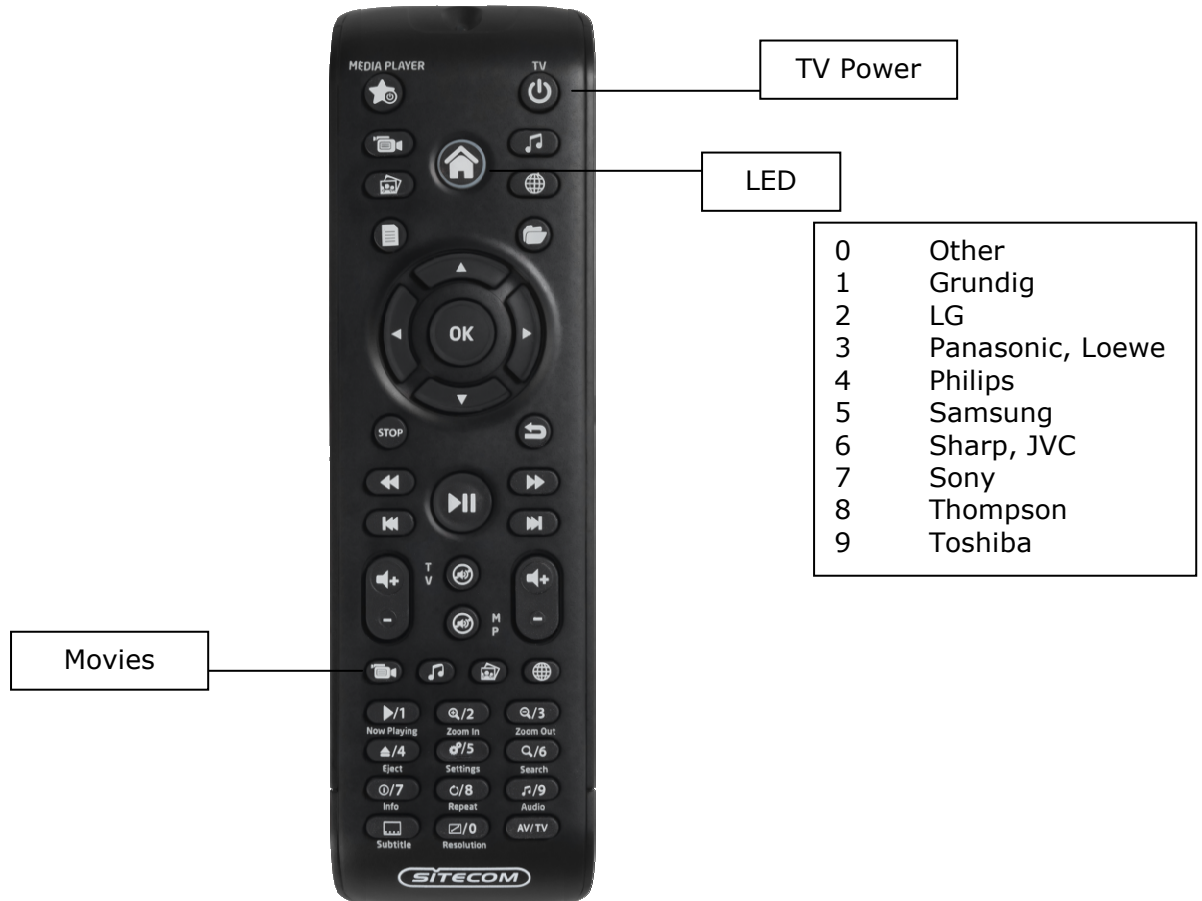
Button	Function or Description
	Turn the TV Media Player on or off.
	Turn the TV on or off.
	Go to the Homepage.
	Shortcut to the Videos.
	Shortcut to the Music.
	Shortcut to the Photos.
	Shortcut to the Online section.
	View the guide.

	View options for playback of the file type used. Use the navigation buttons and OK button to select an option.
Menu Arrows	Use these to select the file or menu option you want displayed.
OK	Choose the option/action/file that's currently highlighted.
STOP	Stop the playback.
	Return to the previous menu page.
Playback Buttons	Standard playback functions for Play/Pause, Fast Forward, Fast Reverse, Next or Previous file.
	Set the volume of the TV or Media Player higher.
	Set the volume of the TV or Media Player lower.
TV 	Mute the sound of the TV.
 MP	Mute the sound of the Media Player.
 1	Shortcut to the Now Playing Music page / Number 1.
 2	Zoom in / Number 2.
 3	Zoom out / Number 3.
 4	Safely eject USB / Number 4.
 5	Shortcut to the Settings / Number 5.
 6	Go to the Search menu / Number 6.
 7	Show information about the playing file / Number 7.
 8	Repeat the playing file / Number 8.
 9	Choose the audio stream while watching video / Number 9.
	Choose the subtitle stream while watching video.
 0	Show the currently used resolution / Number 0.
AV/TV	Switch the source on the TV.

4.3.1 Automatically configure the remote for television.

The remote can automatically scan for the correct settings of most popular television brands. For this feature a list of 10 top manufacturers is composed which all correspond to a digit key. To automatically configure the remote for a specific brand of television please follow the next steps.

1. Power on the Television with your original TV remote.
2. Hold down the 'TV power button' and 'Movies Button' until the LED blinks twice.
After this the LED will be lit continuously.



3. Hold the digit corresponding to your television brand until the television turns off.
Your remote is now configured. The television can now be turned on with this remote.

4.3.2 Manually configure the remote for television.

To manually configure the remote please consult the universal code list for all optional codes that may apply to your device. This list can be found in Appendix 7.4 in this manual. Continue with the following steps to configure the remote manually.

1. Press the 'OK button' and 'TV power' simultaneously until the LED blinks twice.



2. Enter a 4 digit code. (consult the universal code list for all optional codes)

The LED will blink twice after the last digit if a valid code has been entered. The LED will blink one long blink after the last digit if an invalid code or invalid key has been entered or if the mode is ID Locked.

4.3.3 Reset the Remote to factory defaults.

To reset the device please follow the next steps.

1. Press 'Power media player' and the 'OK button' simultaneously until the LED blinks twice.



2. Press the following digits: 9, 8, 0. If the Factory reset is successful the LED will blink 4 times.

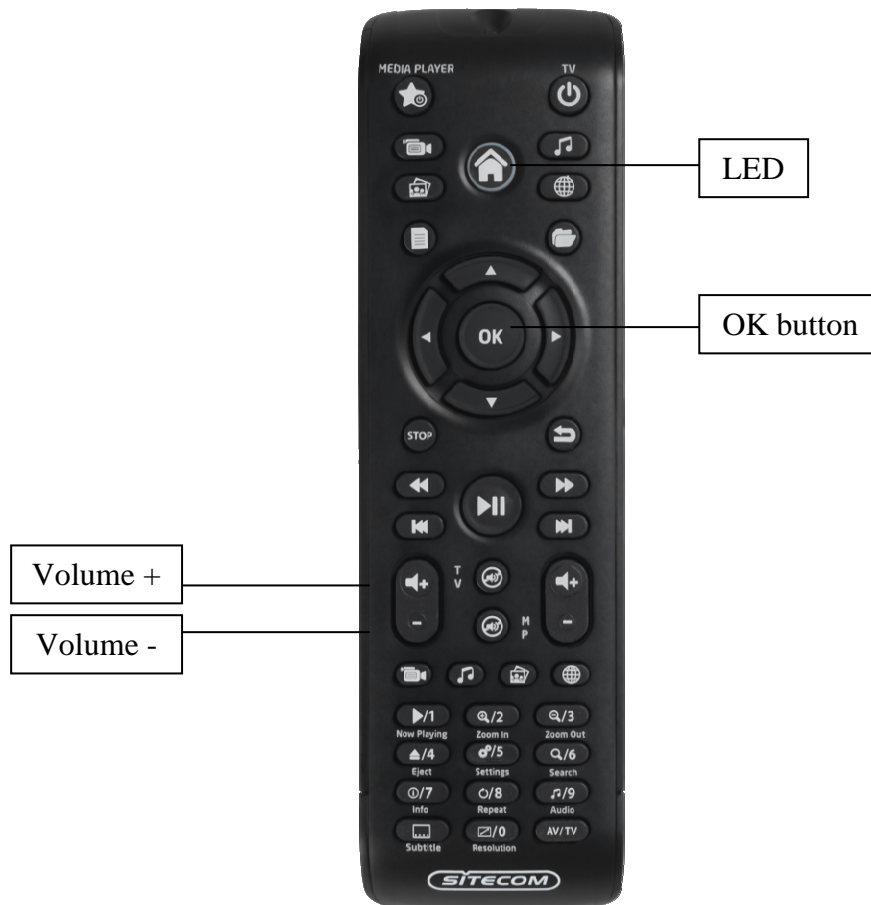


4.3.4 Troubleshooting

Volume lock/Unlock.

If the television does not respond to the TV volume keys it may be required to lock the Volume keys as described in the steps below.

1. Press the 'OK button' and 'Volume +' simultaneously to lock until the LED blinks twice, Volume is now locked.
2. Press 'OK button' and 'Volume -' simultaneously until the LED blinks 4 times, Volume is now unlocked.



5 Getting Started

Before beginning the installation, please read through the installation procedure described in this manual.

5.1 Installation Requirements

To begin using the TV Media Player, you will need:

- A television set (TV) with either a HDMI connection or available AV composite cable connections for audio and video.
- The TV Media Player connected to the TV.
- A USB hard disk or USB flash memory device with a USB 2.0 cable containing media files (video, music and digital photos).

5.2 Installation Procedure

The TV Media Player installation procedure is summarized below:

1. Transfer digital video, digital photo and digital music or audio files to the TV Media Player (MD-272 only).
2. Connect the TV Media Player to a TV.
3. Connect the power to the TV Media Player.
4. Connect the USB hard disk containing stored digital media to the TV Media Player and power on the hard disk.
5. Connect the Ethernet cable to the Ethernet port (if the device is used on a local network).

5.2.1 Transfer Media files to the TV Media Player (MD-272 only)

Transfer your favourite content, like your music, videos and photos, from your computer to the MD-272 via the USB connector. You can connect the MD-272 like any other USB storage. You don't need to put the files in any order, the Portable TV Media Player will sort them out in the right categories for Music, Videos and Photos.

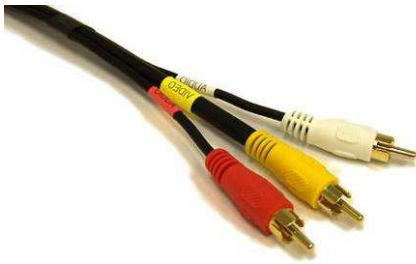
5.2.2 Connecting the TV Media Player

Below is a summary of the audio and video connection options. The pages that follow have illustrations of the various connection types.

Video Connections

To connect video to your TV, there are several options. If your TV or home entertainment system is equipped with a HDMI port, use a HDMI cable for the video and audio connection. Alternatively, the media player video output can be supplied through the composite video connection (A/V port). The MD-272 also features a component connection for higher image quality on TV's that haven't got a HDMI connection.

- **Composite Video**



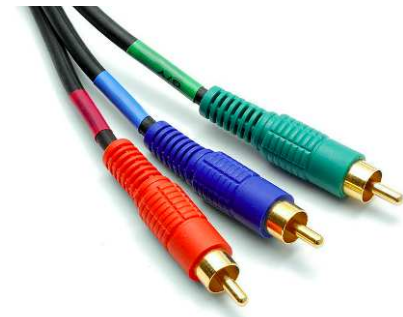
Plug the supplied RCA cable into the A/V port on the rear panel of the TV Media Player and the opposite end of the cable into the composite video in connector on your TV.

- **HDMI Video**



Plug the HDMI cable into the HDMI connector on the back panel of the TV Media Player. Plug the opposite end to the matching HDMI connector on your television or audio video system. HDMI provides the best video quality resolution up to 1080p, plus audio support.

- **Component Video (MD-272 only)**



Plug the component cable into the corresponding ports on the back panel of the TV Media Player. Plug the opposite ends to the corresponding ports on your television or audio video system. Component provides the best video quality resolution up to 1080p, but without audio.

Audio Connections

The TV Media Player supports digital audio over HDMI or S/PDIF. Alternatively a RCA analogue connection for the stereo audio signal can be used.

- **Analogue Audio (RCA)**



Plug the supplied RCA cable into the A/V port and the red and white connectors into the colour-coded Audio connectors of your stereo receiver. Connect the red plugs to the Right (R) jacks and the white plugs to the Left (L) jacks.

- **Digital Audio (S/PDIF)**



Plug a coaxial or optical cable into the corresponding port on the back of the TV Mediaplayer. Connect the other end to the corresponding port on your Television set or Audio receiver.

5.2.3 Connect power to the TV Media Player

Connect the supplied 12V DC adapter to a free wall socket. Connect the other end to the designated port on the back of the TV Media Player.



5.2.4 Connect USB to the TV Media Player

The TV Media Player automatically searches the disk for supported media content. If there is a large volume of digital media, it might take several minutes to completely scan the disk, however the files that have already been scanned can be played. Some USB hard drives require a separate power source to use it, so make sure the USB disk is powered on and connected. Often USB hard disks have LED indicators that let you know if it is powered on and if it is connected. Check the user guide of the USB hard disk for more information.

5.2.5 Connect Ethernet to the TV Media Player

The TV Media Player includes an Ethernet port to connect the TV Media Player to a local network in order to use digital media stored on servers connected to the network. Connect a Cat5 or higher certified cable to the designated port on the TV Media Player. Connect the other end of the cable to a hub, switch, modem or router.

6 Navigating the menu

Once the TV Media Player is connected and the (USB) hard disk contains digital media files it automatically begins searching for supported media. The TV Media Player can be used while it is still scanning for content. Turn on the TV and direct it to the input used for the TV Media Player to view the main menu interface. If this is the first time accessing the interface or if the TV Media Player has just been powered on, the initial setup will ask you a couple of questions.

6.1 Menu Language

[Initial Setup -> Menu Language](#)



Select from the list of languages.

Use the 'Up' and 'Down' buttons to select the item, press 'OK' to confirm.

6.2 Output Resolution

[Initial Setup -> Resolution](#)

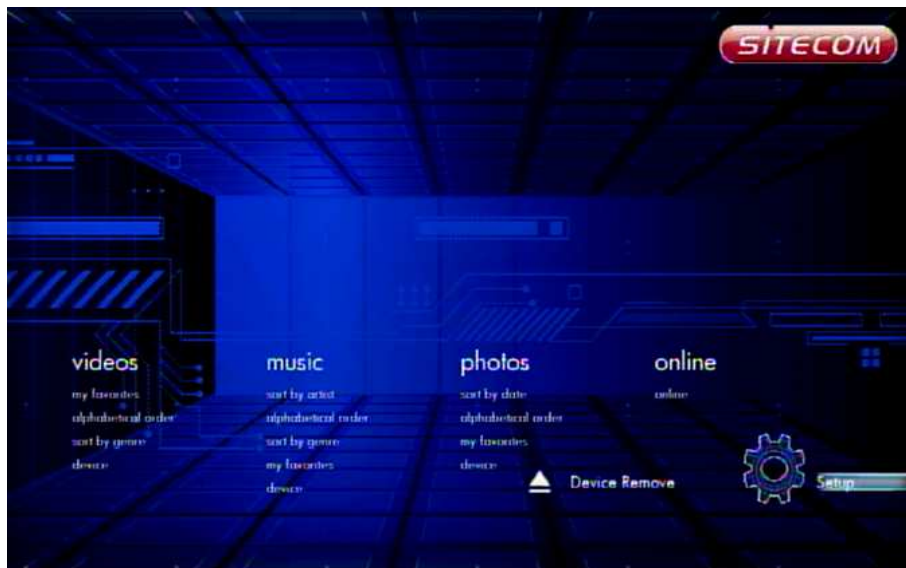


Use this setting to select the video display resolution when using the HDMI interface. The default setting is Auto.

Note: Full HD quality can be received when the mode is set to 1080p. Please note that your TV needs to be capable of showing this resolution. 720p and up cannot be selected if the TV is connected via the composite connection.

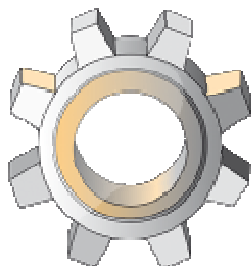
6.3 Home Menu

Every time you start the system, you will see the Home Menu.



At the Home Menu, use the arrow keys 'Left' and 'Right' buttons to select each item, to enter the item please press 'OK' button. Each item is described as below.

6.3.1 Setup



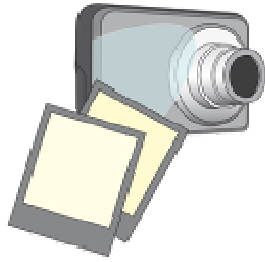
To set the system functions such as System, Audio, video, etc.

6.3.2 Music



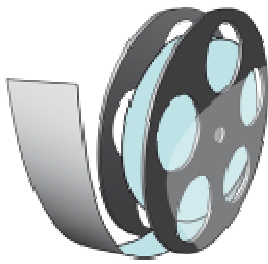
In the Music menu you can browse through your music files and play them.

6.3.3 Photos



In the Photo menu you can browse through your photos and view them.

6.3.4 Movies

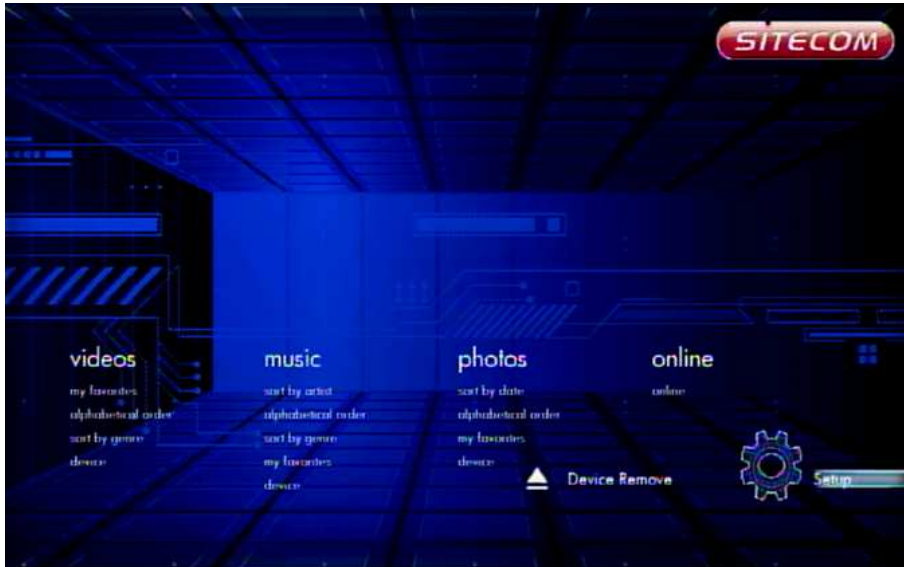


In the Movies menu you can browse through the videos and watch them.

These are all items in the Home Menu. In the next chapters these items will be described in more detail.

6.4 Settings Menu

It is recommended to use the Setup menu before first using the system.



In the Home Menu, use the 'Left' and 'Right' buttons to select 'Settings' and press the 'OK' button to enter the menu.

6.4.1 System

[Settings -> System](#)



6.4.1.1 Menu Language

[Settings -> System -> Menu Language](#)



Press the 'OK' button to enter the multi-language list and use the arrow key 'Up' and 'Down' buttons to select the language. Press the 'OK' button to confirm.



6.4.1.2 Text Encoding

Settings -> System -> Text Encoding



You can choose the different encoding types; Unicode (UTF8), Simplified Chinese (GBK), Traditional Chinese (BIG5), Turkish, etc. Press the 'Up' and 'Down' buttons to select the item and press the 'OK' button to confirm.

6.4.1.3 DLNA DMR

[Settings -> System -> DLNA DMR](#)

Turn on or off the DLNA DMR function. When it is on, you can select the media files on your DLNA server, and select "Play on device", the file will be sent to this player and playback automatically. Windows Media Player 12 in Windows 7 supports this function and you can apply it to play the media on this player.

6.4.1.4 Device Name

[Settings -> System -> Device Name](#)

When the NAS function is on, the PC can see the player as the device name here. The default name is based on the unique MAC Address of the player and you can change it to your desired name.

6.4.1.5 Screen Saver

[Settings -> System -> Screen Saver](#)

Enable or disable the screen saver function. Use the 'Up' and 'Down' buttons to select "On" or "Off". Press the 'OK' button to confirm.

6.4.1.6 Scan storage

[Settings -> System -> Scan storage](#)



Set the scan mode of the storage detection.

Auto scan on - system will scan the storage automatically.

Auto scan off - system will not scan the storage.

Rescan storage - manually scan the storage.

Stop scanning storage - do not scan the storage.

Please use the 'Up' and 'Down' buttons to select and press the 'OK' button to confirm.

6.4.1.7 Resume Play

[Settings -> System -> Resume Play](#)

The device supports a video resume play function. Use this item to enable or disable the resume play function.

6.4.1.8 Format (MD-272 only)

Use this setting to format the internal storage of the TV Media Player.

Warning: You will lose all content on the storage!

6.4.1.9 Factory Default

[Settings -> System -> Restore Default Settings](#)

Use this setting to restore all TV Media Player system preferences and media playback settings to their default factory values. This is done to correct performance problems caused by a failed firmware upgrade or a faulty configuration setting.

6.4.2 Audio

[Settings -> Audio](#)



6.4.2.1 Night Mode

Settings -> Audio -> Night Mode



This setting is to switch the "Night Mode". With this setting you can limit the maximum volume output.

6.4.2.2 HDMI Output

Settings -> Audio -> HDMI Output



This setting is to switch the audio output over the HDMI connection. You can choose between:

LCPM – Linear pulse code modulation two channel

LCPM Multi-Channel - Linear pulse code modulation Multi-Channel 5.1, 7.1

RAW – Audio Raw data.

Use the 'Up' and 'Down' buttons to select an item and press the 'OK' button to confirm.

6.4.2.3 SPDIF Output

[Settings -> Audio -> SPDIF Output](#)



This setting is to switch the Audio SPDIF output. You can choose between:

LCPM – Linear pulse code modulation two channel

RAW – Audio Raw data.

Use the 'Up' and 'Down' buttons to select an item and press the 'OK' button to confirm.

6.4.3 Video

Settings -> Video



6.4.3.1 Aspect Ratio

Settings -> Video -> Aspect Ratio



Use this setting to choose screen ratio. You can choose between:

Pan & Scan 4:3 - 16:9 picture in 4:3 screen mode with and adjusted ratio to meet 4:3.

Letter Box 4:3 - 16:9 picture in 4:3 screen mode with the black bars top and bottom.

16:9

16:10

6.4.3.2 TV System

Settings -> Video -> TV System



Use this setting to choose the resolution and TV system. You can choose between:

NTSC - National Television System Committee

PAL - Phase Alternating Line

480P

576P

720P 50Hz

720P 60Hz

1080i 50Hz

1080i 60Hz

1080P 50Hz – Full HD

1080P 60Hz – Full HD

6.4.3.3 Video Zoom

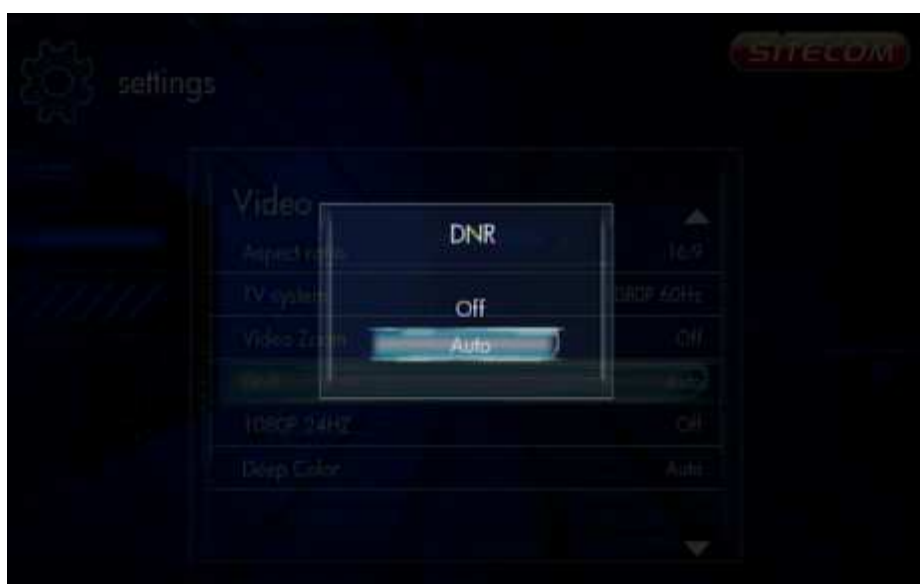
Settings -> Video -> Video Zoom



Use this function to set the video zoom in/out function.

6.4.3.4 Digital Noise Reduction

[Settings -> Video -> Digital Noise Reduction](#)



Use this function to enable or disable the digital noise reduction.

6.4.3.5 1080P 24HZ

[Settings -> Video -> 1080P 24HZ](#)



If the TV supports 1080P 24HZ, you can turn on this option.

6.4.4 Network

[Settings -> Network](#)

6.4.4.1 Wired LAN Setup

[Settings -> Network -> Wired LAN Setup](#)

Set "DHCP IP" or "Fixed IP" for the Ethernet LAN IP configuration of this player.

6.4.4.2 Network Attached Storage

[Settings -> Network -> NAS](#)

Switch the NAS function on or off.

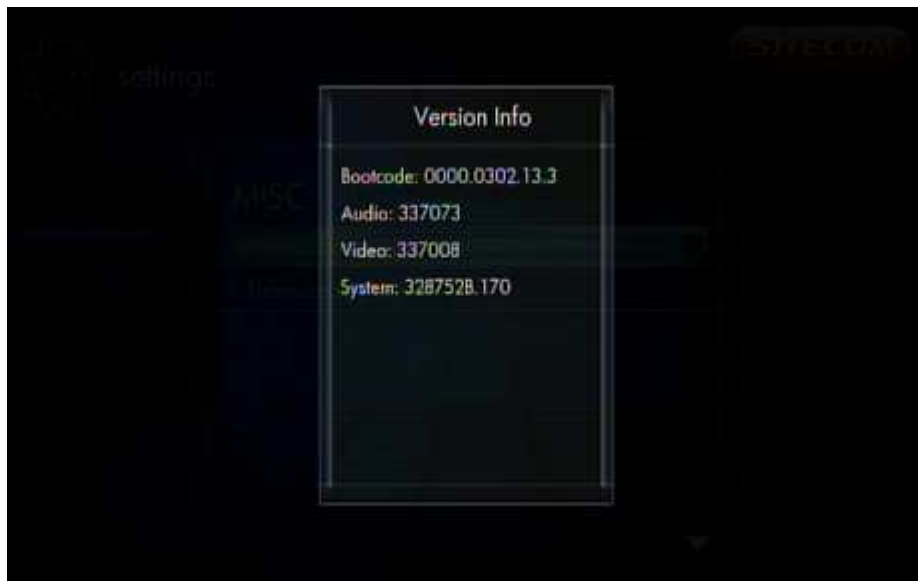
6.4.4.3 Network Info

[Settings -> Network -> Network Info](#)

Display network information like IP Address, MAC Address and etc.

6.4.5 MISC

[Settings -> MISC](#)



Various miscellaneous settings.

Version Info - Select this setting to display the current hardware and firmware configuration.

Firmware upgrade - Use this setting to update the new firmware if there is any.

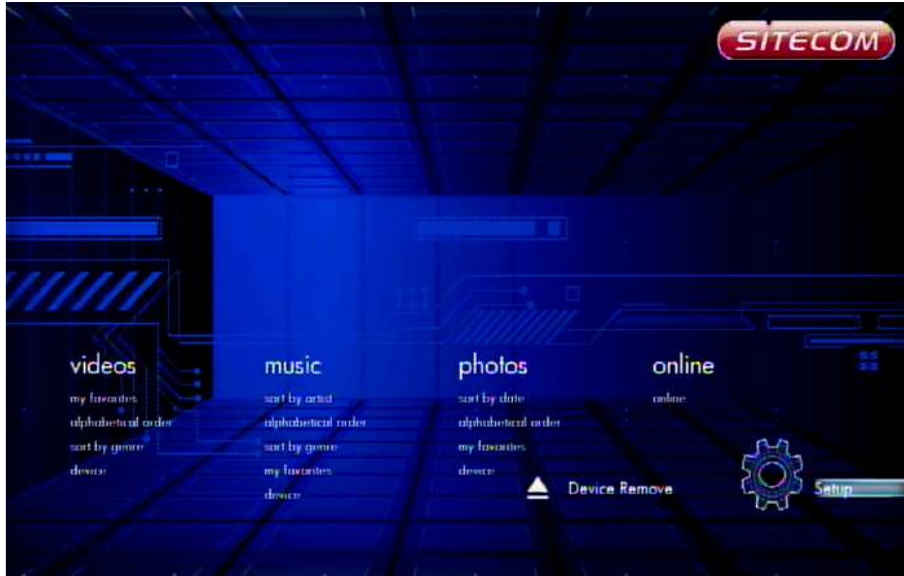
Important: Make sure the TV Media Player's AC power adapter remains connected during the firmware update. A power disruption during the update process can corrupt the system firmware.

To update the firmware:

1. Go to www.sitecom.com and download the latest firmware update.
2. Unzip the firmware package.
3. Copy firmware file to the root of the TV Media Player via the USB connection.
4. Connect the TV Media Player to the TV system.
5. Select Settings -> MISC -> Firmware upgrade.

6.5 Music Menu

In the Music menu you can browse through your music files and play them.



6.5.1 Playing Audio

Music -> press 'OK' or 'Play' button

If you want to play the selected music file, press the 'OK' button or the 'Play' button to start playback. During playback, you can press the following buttons:

- 'FFWD' to fast forward through the song,
- 'FREV' to fast reverse through the song,
- 'Next' to jump to the next song in play list,
- 'Previous' to jump to the previous song in play list,
- 'VOL+/-' to increase or decrease the volume,
- 'Stop' to stop play,
- 'Return' will return to file browser, while still continuing to play.



You can press the 'Option' button to select the 'Repeat Mode' during playback:

- ☐ Repeat Off
- ☐ Repeat One
- ☐ Repeat All
- ☐ Shuffle Loop



6.5.2 Browsing Files

Music -> press 'Option' button



Pressing the 'Option' button in the Music browser will pop up the Option window which can switch the browsing file mode. You have the following options:

- ☐ Thumbnail
- ☐ List
- ☐ Preview

Use the arrow 'Up' and 'Down' buttons to select and press the 'OK' button to confirm.

6.5.2.2 Thumbnails

Music -> Press 'Option' button -> Thumbnails



If there is at least one image file in the directory then the directory will have a thumbnail which is made from this image file. Otherwise it will have a normal thumbnail made from the default directory picture.

6.5.2.3 List

Music -> Press 'Option' button -> List



The Music file browser display files as a 'List'.

6.5.2.4 Preview

Music -> Press 'Option' button -> Preview



Use this option to preview the file information. When you focus on a file, it will show the information in the preview window on the left.

6.5.2.8 Sort by Artist

Music -> Press 'Option' button -> Sorted by -> Artists

The files are sorted by Artists.

6.5.2.8 Sort by Alphabet

Music -> Press 'Option' button -> Sorted by -> Alphabet

The files are sorted by Alphabet

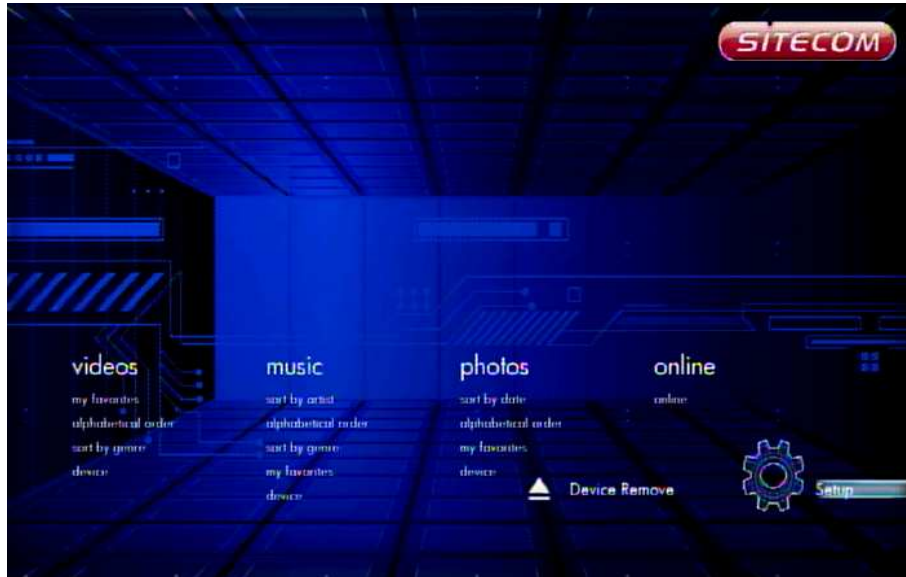
6.5.2.9 Sort by Genre

Music -> Press 'Option' button -> Sorted by -> Genre

The files are classified by Genre.

6.6 Photos Menu

In the Photos menu you can browse through your photos and view them.



6.6.1 Display & Slide Show

Photos -> press 'OK' or 'Play' button

If you want to display the selected image file or use the slide show in full screen, press the 'OK' button or 'Play' button to start the operation. During display, you can press the following buttons:

- "Next" to jump to the next file in the play list,
- 'Previous' to jump to the previous file in the play list,
- 'Zoom' to zoom in/out 2X, 4X, 8X, 16X
- 'Stop' or 'Return' to stop playing.

Press the 'Info' button to display information about the image file.



During playback, you can press the 'Option' button to change the slide show settings. You can use the following settings:

Repeat off – To Stop Slide Show.

Repeat all – To show all files in the play list.

Shuffle Loop - Randomly select file in the play list during Slide Show



6.6.2 Browsing Files

Photos -> press 'Option' button

Pressing the 'Option' button in the Photo browser will pop up the Option window where you can change the following settings:

Start Slideshow

Slideshow settings

Sorted by Alphabet

Date

My Favorites

Change Layout
Add to slideshow

Use the arrow 'Up' and 'Down' buttons to select and press 'OK' button to confirm.

6.6.2.1 Slideshow settings

Photos -> Press 'Option' button -> Slideshow settings

Here you can set the slide transition time from 2 to 30 seconds. You can also set the slide transitions.

6.6.2.2 Sort by Alphabet

Photos -> Press 'Option' button -> Sorted by -> Alphabet

The files are sorted by Alphabet

6.6.2.3 Sort by Date

Photos -> Press 'Option' button -> Sorted by -> Date

The files are sorted by Date.

6.6.2.4 Sort by Favorites

Photos -> Press 'Option' button -> Sorted by -> Favorites

The files are classified by Favorites.

6.6.2.5 Thumbnails

Photos -> Press 'Option' button -> Change layout -> Thumbnails



Directory Thumbnail – If there is at least one image file in the directory then the directory will have a thumbnail which is made from this image file. Otherwise it will have a normal thumbnail made from the default directory picture.

File Thumbnail – All the photos have their thumbnail made from themselves.

6.6.2.6 List

Photos -> Press 'Option' button -> Change layout -> List



Photos file browser display files by 'List'.

6.6.2.7 Preview

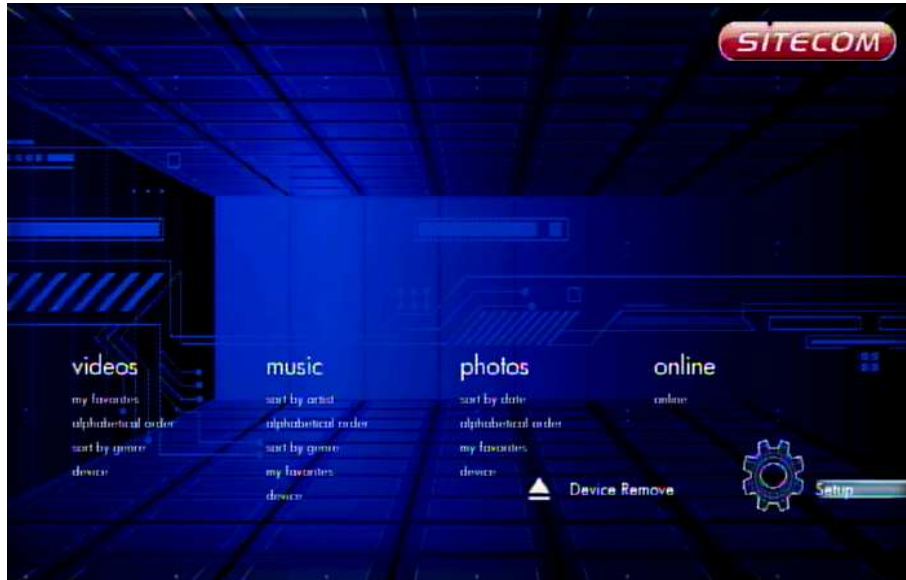
Photos -> Press 'Option' button -> Change layout -> Preview



Use this option to preview the file information. When you focus on a file, it will show the information in the preview window on the left.

6.7 Movies

In the Movies menu you can browse through your videos and watch them.



6.7.1 Video Player

Movies -> press 'OK' or 'Play' button

If you want to play the selected video file in full screen, press 'OK' button or 'Play' button to start the operation. During playback, you can press the following buttons:

- 'Left' to skip back 10 sec.
- 'Right' to jump 10 sec forward.
- 'FF' to fast forward 1.5x, 2x, 4x, 8x, 16x, 32x.
- 'FR' to fast rewind 1x, 1.5x, 2x, 4x, 8x, 16x, 32x.
- 'Next' to jump to the next chapter in the video.
- 'Previous' to jump to the previous chapter in the video.
- 'Zoom' to zoom in/out 2X, 3X, 4X, 8X
- 'Stop' or 'Return' to stop playing.

Press the 'Info' button to display information about the video file.



During playback, you can also press the 'Option' button to change playback settings.



6.7.1.1 DVD Menu

Movies -> Playback -> press 'Option' button -> DVD Menu

When playing a DVD, this will return you to the DVD main menu.

6.7.1.2 Subtitle

Movies -> Playback -> press 'Option' button -> Subtitle



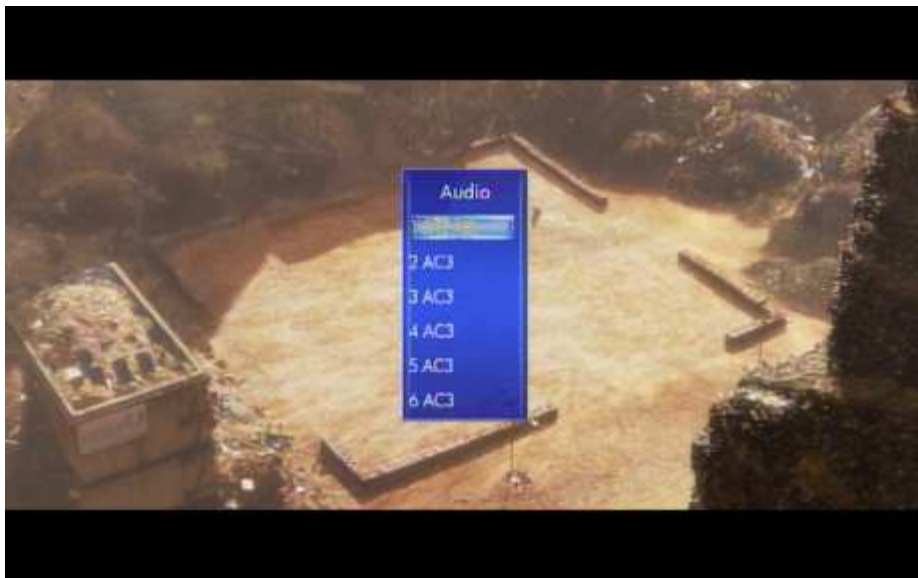
To set the national language subtitles, you have the following options:

Show subtitle
 Position of subtitles: 0 ~ 640
 Font size : 3 ~ 40
 Synchronous tuning
 National language
 Subtitle colour

Use the arrow keys 'Left' and 'Right' to select the item, 'Up' and 'Down' to adjust the value. Press 'Return' to resume playing.

6.7.1.3 Audio

Movies -> Playback -> press 'Option' button -> Audio



With this setting you can select the different Audio streams.

Use the 'Up' and 'Down' buttons to select the audio mode and 'OK' button to confirm. Press 'Return' to resume playback.

6.7.1.4 Go to

Movies -> Playback -> press 'Option' button -> Go to



With this function you can time shift to the location you want.

There are three types of jump mode:

Time : Hour : Min : Sec
Title
Chapter

Use the arrow keys 'Left' and 'Right' to select an item and 'Up' and 'Down' to adjust the value. Press 'Return' to resume playback.

6.7.1.5 Video Setting

Movies -> Playback -> press 'Option' button -> Video Setting



Brightness – Change the brightness level

Contrast – Change the contrast level

Saturation – Change the saturation

Hue – Change the hue

Use the arrow keys 'Up' and 'Down' to select an item and 'Left' and 'Right' to adjust the value. Press 'OK' to resume playback.

6.7.2 Browsing Files

6.7.2.1 Thumbnails

Movies -> Press 'Option' button -> Change layout -> Thumbnails



Directory Thumbnail – If there is at least one image file in the directory then the directory will have a thumbnail which is made from this image file. Otherwise it will have a normal thumbnail made from the default directory picture.

File Thumbnail – All the photos have their thumbnail made from themselves.

6.7.2.2 List

Movies -> Press 'Option' button -> Change layout -> List



Movies file browser display files by 'List'.

6.7.2.3 Preview

Movies -> Press 'Option' button -> Change layout -> Preview



Use this option to preview the file information. When you focus on a file, it will show the information in the preview window on the left.

6.7.2.4 Sort by Alphabet

Movies -> Press 'Option' button -> Sorted by -> Alphabet

The files are sorted by Alphabet.

6.7.2.5 Sort by Genre

Movies -> Press 'Option' button -> Sorted by -> Genre

The files are classified by Genre.

6.7.2.6 Sort by Favorites

Movies -> Press 'Option' button -> Sorted by -> Favorites

The files are sorted by Favorites.

6.7.3 Network playback



Movies -> Device -> Network

Music -> Device -> Network

Photos -> Device -> Network

Select "Device" in the videos/music/photos of home menu. Select "Network" to browse the network. Select your PC in the network list to enter. Browse the folder and select the file to playback.

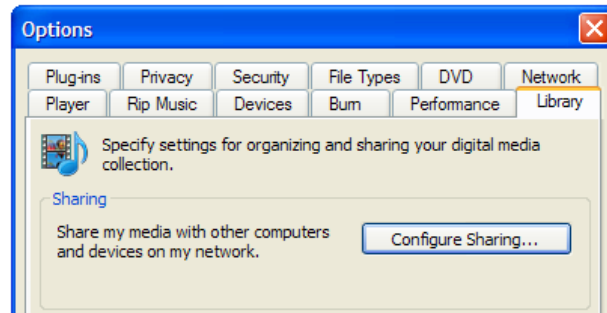
UPnP

Once your TV Media Player is connected to your network, and you have made the correct network settings, you can play media files through your network. If you want to share media files on your computer in order to let the media player play these files, you can setup your computer as a UPnP server. We will explain how to setup your computer as a UPnP server in the following steps.

Create a UPnP server

Your computer does not share media by default. You will have to install a UPnP media server on your computer to add this functionality. If you are using Windows XP, Windows Vista or Windows 7, you can use the built-in UPnP media service of Windows Media Player. If you enable this option, your media player can access the music library on your computer. Follow the steps below to enable this option:

1. Click 'Start'.
2. Click 'Programs'.
3. Click 'Windows Media Player '.
4. Click 'Tools', then click 'Options'. The following screen will be displayed:



5. Go to the 'Library' tab in the left upper corner of the options window.
6. Now click 'Configure sharing...'
7. Check the "Share my media" checkbox and click OK.



8. A list with detected devices will appear within a few seconds.
9. Click the name of your TV Media Player.
10. Click 'Allow'.
11. Click 'Ok'.
12. Click 'Ok'.
13. All files in the media library of Windows Media Player will be shared with your media player from now on. The media library will be accessible using the remote control and display of the media player.

Note: Steps above are taken with Windows Media Player 11, available for download at <http://www.microsoft.com/windows/windowsmedia/player/>.

6.8 Online

Select the **Online** option in the main menu to view the various internet functions of the TV Media Player

6.8.1 YouTube XL

Enter YouTube-XL and you can see the video list in the right panel. Now you can just press the direction key to highlight a video to play, but we suggest to setup language and your location first.

Select "Settings" and then select "Set Language" to select the language for the interface or "Set Geography" to select your location.



Available options:

Videos: select the category like "Spotlight", "Top Rated"... to sort the videos in the right panel. Select "More..." to choose more categories. Select the video in the right panel to play.

Search: Type in a keyword to find the video file.

Sign In: Login to YouTube with your account name and password, and your favourite video list will display on screen.

Note: You can plug in a USB mouse & keyboard to enter your account information.

Settings: Change settings like language and geography. You can also check the options if you want to apply them:

"Play next video when current video ends."

"Filter videos that may not be suitable for minors"



Click a video to play. You can use the playback controls on the remote control to control the playback. If a USB mouse is plugged in, move the cursor on the video and the on-screen menu will pop up for you to control it.

Available options:

Search bar: select it to input a keyword to search the video.

Favorite: Add it to your favorite list.

Flag: report it if you feel uncomfortable about this video.

Share: E-mail this link to a friend.

Info: Display the information of the current video.

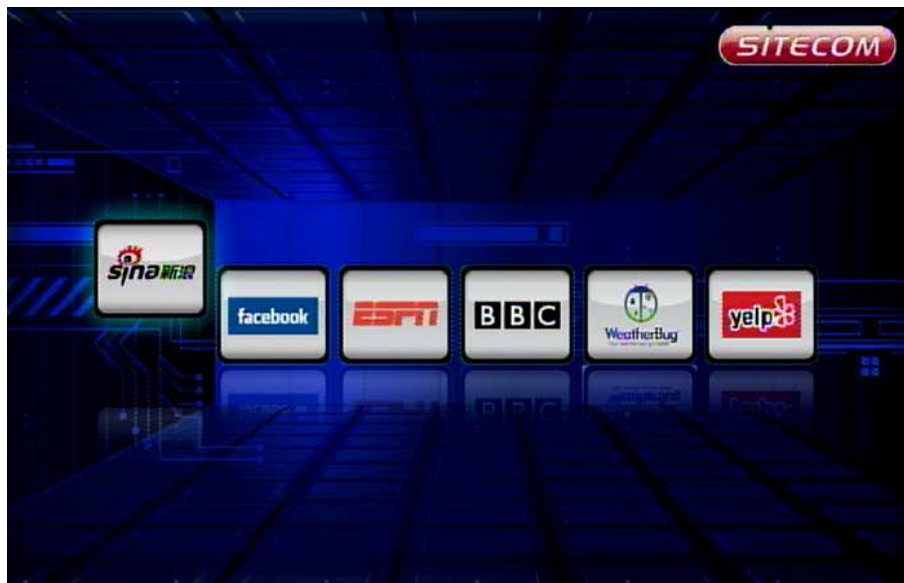
Related: sort the related video list.

In the video playback screen you can press the "Zoom +" key on the remote control for full screen playback. Press "Zoom -" to return to the video list.

To exit YouTube-XL, press the "Return" key to return to main menu.

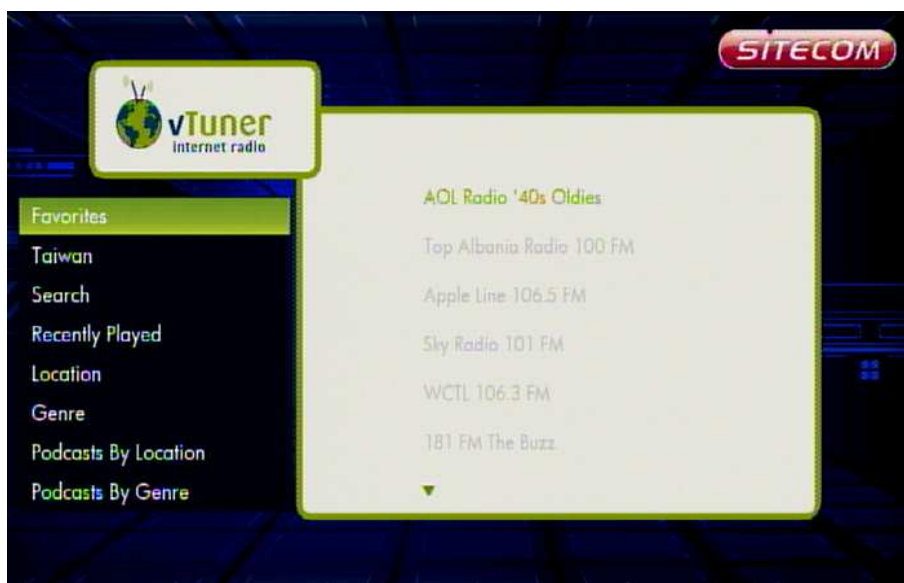
6.8.2 Web Kit

Click the icon to see the page below. You can select the links to visit the web sites.



You can plug in your USB mouse and USB keyboard for control and input. To input a text or URL, you need to select the text field, use the remote control to press "OK" to open the virtual keyboard, and then input the text on the USB keyboard.

6.8.3 vTuner



Select the category to browse and play. Press the return key to go back to the previous page. Press the stop key to stop the audio playback.

Option	
Favorites	Browse the favorite list and select one to play. In audio playback, select "Delete from Favorites" to delete it.
"Country"	Browse the local list and select one to play. In the audio playback, select "Add to Favorites" to add to Favorites.
Search	Enter a keyword to search the audio.
Recently Played	Browse the favorite list and select one to play.
Location	Select your location.

Genre	Browse the genre to find your audio channels.
Podcasts By Location	Browse podcast by location.
Podcasts By Genre	Browse podcast by genre.
New Stations	Browse the new stations.
Most Popular Stations	Browse the most popular stations.

6.8.4 Flickr

Select "Search Photos" to enter a keyword to search. Select "Previous page" and "Next page" to change the page.

6.8.5 Picasa

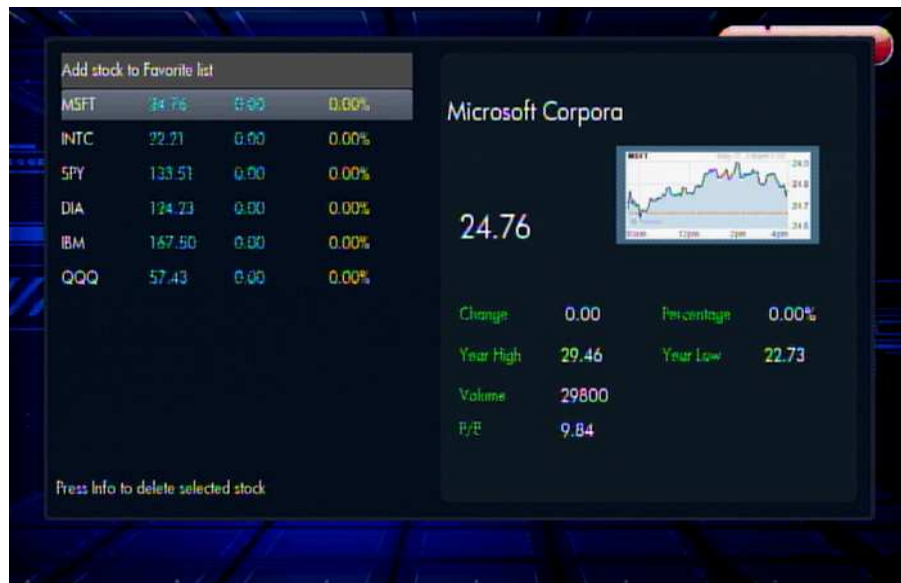
Select "Search for Photo" to enter a keyword to search.
 Select "Login" to login with your ID and display the "Public" photos in this account.
 Select "Remove ID" to delete the login ID which is added here.
 When selecting "Search for Photo" or login the album, choose a photo in the list.
 Press "Prev" "Next" and "Zoom" keys to navigate.

6.8.6 Yahoo! WEATHER



Select "Add Favorite" and browse to a country and select a city. Press the info key to open the menu, and add it to the favourite. You can now access it from the frontpage. Press "OK" key to select a city and see the weather forecast. In the weather forecast, press "OK" key to change the units and the info key to add it to favourites. Press the direction keys to move the map. Press Prev/Next key to zoom out/in the map.

6.8.7 Yahoo! FINANCE



Input your Stock symbol to display data and chart.

Reference link: <http://finance.yahoo.com/>

Choose "Add Stock to Favorite list" and input the stock symbol and country code like 2485.tw to display. The Stock information will be updated in 30 seconds. To delete one, choose it and press the info key to delete it.

Region	Country code
USA	N/A
Hong Kong	.HK
Taiwan	.TW
Shanghai	.SS
Shenzhen	.SZ
Canada	.TO
Australia	.AX

To display indexes, input the text in the table.

Indexes	Text
Nasdaq	^IXIC
S&P 500	^GSPC
Treasury Yield 30	^TYX
Hang Seng Indexes	^HSI
Nikkei 225	^N225
Straits Times Index	^STI
Shenzhen B share	^SZSB
TSEC weighted	^TWII

7 Appendix

7.1 Copyrights and Trademarks

7.1.1 Copyrights

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What your warranty does not cover:

- Acts of nature, such as fire or static discharge.
- Damage from unauthorized repair, alteration or accident.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Loss of customer's software, firmware, information, or memory data.
- Improper handling or installation.

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This product contains free software which is licensed under the GNU General Public License. To obtain a copy of our open source software, please visit our website and look for the appropriate download section. However, please be noted that we can not provide guarantee with the source code, and there is also no technical support for the source code from us.

7.4 TV Codes

Region: Europe
Date: 21 June 2012

TV	
A.R. Systems	0037 0556
Accent	0037 0556
Acoustic Solutions	1667 1865 1037
Adcom	0625
Admiral	0093
AEG	1556 1037 1324
Agora	1585 0037
Aiko	0037 0556 0035 0191

Aim	0037 0556
Aiwa	1505
Akai	0208 0037 0191 0035 0714 0715 0556 0178 103 7 0812 1865
Akiba	0037 0556
Akito	0037 0556
Akura	0714 1037 1667 0037 0556 1645 0668 1585 198 3
Alba	1037 1585 0714 0037 0668 0556 0587 0036 044 3 2007 1865
Alkos	0035
Allstar	0037 0556
Amstrad	0037 0556 1037 1324
Anam National	0650
Andersson	1585
Anitech	0037 0556
Ansonic	1582 0037 0556 0668
AOC	2402 0625 1588 2214
Arc en Ciel	0109
Arçelik	0714
Ardem	0714 0037 0633 0556 0715
Arena	0037
Aristona	0556 0037
ART	1037
Art Mito	1585
Asberg	0037 0556
Atlantic	0037 0556
Audiosonic	0037 0556 0109 0714 0715 1983
Autovox	0349
Axxon	0714
Baier	1324
Baird	0109 0343 0208
Bang & Olufsen	0620
Basic Line	0037 0668 0556 1037
Baur	0195 0512 0037 0556 0191 0349 1505 1010
BBK	1645
Beaumark	0178
Beko	0714 2663 0035 0715 0037 0556 2125 1652
Belson	0698 2032
Belstar	1037
Bennett	0556 0037
BenQ	2402 2214
Beon	0037 0556
Berthen	0668 0556
Bestar	0037 0556
Black Diamond	1037 0556

Black Strip	0035
Blaupunkt	0195 2106 0191 0036
Blue Diamond	2106
Blue Sky	0037 1037 1324 0714 0668 0715 0625 1652 055 6 1243
Boca	1652
Boman	1324
BPL	0037 0556
Brandt	0625 0109 0287 0335 0343 0560
Brandt Electronique	0287 0335
Brinkmann	0037 0556 0668
Brionvega	0037 0556
Bush	1037 0714 2127 1585 0037 0668 2125 1652 155 6 0349 0036 0208 0698 0556 1667 1243 0587 2 214 1983 2402 1865 0443 2007
Cameron	0556
Camper	0037 0556
Carad	0037 0556 0668 1037
Carena	0037 0556
Carrefour	0036 0037 0556
Cascade	0037 0556
Casio	0037 0556 0349
Cathay	0037 0556
Centrum	1037
Centurion	0037 0556
Cinex	1556
Clarivox	0037 0556
Clatronic	0037 0714 0556 1324
Clayton	1037
Condor	0037 0556
Conia	1645
Conrad	0037 0556
Contec	0011 0036 0037 0556
Continental Edison	0109 0287
Cosmel	0037 0556
CPTEC	0625
Crown	0037 0556 0714 0715 0208 0653 1037 1652 066 8
CWR-Tech	1324
Cyberpix	1667
D.Boss	0037
Daewoo	0634 0661 0037 0556 0698 0714
Dansai	0037 0556 0035 0036 0208
Dantax	1652 0714 1037 0715
Datron	0625
Datsura	0208

Dawa	0037 0556
Daytron	0037 0556
de Graaf	0208
Decca	0037 0556
Denver	0037 0556 0587 1324
Desmet	0037 0556
Diamant	0037 0556
DiBoss	0037 0556
Digatron	0037 0556
Digihome	1667
Digiline	0037 0556 0668
DigiLogic	0037 0556
DiK	0037 0556
Dixi	0037 0556
Domeos	0668 0037 1037
Doric	0349
Dream Vision	1704
Dual	0349 0343 0037 0556 1037 2032 1667 1585 1324 0714
Durabrand	0037 0556 1652 1037 0714
Dux	0037 0556
D-Vision	0037 0556
Dynatron	0037 0556
E.S.C.	0037 0556
e:max	1324
Easy Living	1556
ECG	2125 0037 1037
Elbe	0037 0556 0191
Electrion	1585
Elekta	0037 0556
Elfunk	1208 1037
ELG	0037 0556
Elin	0037 0556 0349
Elite	0037 0556
Emerson	0714 0037 0556 0668
e-motion	2106
Erres	0037 0556
Etron	0037 0556
EuroLine	0037
Euroman	0037 0556
Europa	0037 0556
Europhon	0037 0556
Evesham	1667
Excel	0037 0556
Excello	1037

Exquisit	0037 0556
Fagor	0037 0556
Family Life	0037 0556
Ferguson	0625 0335 1037 0287 0109 0560 0343 0037 0556 0035 0653 0443 2007 1865 2106
Fidelity	0512 0037 0556
Finlandia	0208 0287 0343
Finlux	0037 0556 0714 1585 1667 0715 1556
Firstline	0037 0556 0668 0714 0349 0208 1037
Fisher	0036 0208 0349 0047
Flint	0037 0556
Foehn & Hirsch	0178
Formenti	0037 0556
Fortress	0093
Fraba	0037 0556
Freesat	1636
Friac	0037 0556
Frontech	0349
Fujitsu	0037 0556
Funai	1037 0668 1505 0714
Future	0037 0556
Gaba	1037 0037
Galaxi	0037 0556
Galaxis	0037 0556
Garza	0556
GE	0343
GEC	0349 0037 0556
General Electric	0343 0287
Genexxa	0037 0556
Gericom	1721
GoGen	1667 0037 1037
Goldfunk	0668
GoldStar	0037 0556 0109 0714 0715
Goodmans	0634 1667 1585 1037 1983 0037 0556 0714 0668 0036 0343 0035 0560 0335 0661 0587 1645 2127
Gorenje	1585 1667
Graetz	0714 0037 0556
Granada	0037 0556 0226 0208 0036 0335 0560 0047 0343
Grandin	0037 1652 0556 0714 0715 0668 1037
Grundig	0195 0508 1223 1582 0443 0191 2127 1037 0037 2007 0556 0587 0036 0178 0343 1667 2125 2663 2890 2625 1645
Haier	0698 2214
Hannspree	2214
Hanseatic	0037 0556 0349 0634 0661 0714 0625

Hantarex	0037 0556
Hantor	0037 0556
Harwood	0037 0556
Hauppauge	0037 0556
HCM	0037 0556
Hedzon	0556 0037
Hemmermann	0349
Hifivox	0109
Highline	0037 0556
Hikona	1983
Hinari	0208 0037 0556 0036 0443 2007
Hisawa	0714
Hitachi	1576 0578 0349 1585 1037 1484 1481 2127 166 7 0634 0343 2214 0576 2007 0443 0037 0556 0 109 0178 0036 0047
Hitachi Fujian	0576
Höher	0714 1556
Hornyphon	0037 0556
Humax	1539
Hypson	0037 0556 0714 0715 1037 0668
Hyundai	0037 0556 1556
Iberia	0037 0556
ICE	0037 0556
Ict	0037 0556
iDEAL	1556
Imperial	0037 0508 0556 0349
Indiana	0037 0556
Ingelen	0714
Inno Hit	1037 0037 0556 1585
Innovation	0037 0556
Inspira	1324 1556
Interactive	0037 0556 0512 0109
Interbuy	0037 0512 0556
Interfunk	0037 0556 0512 0109 0349
Internal	0037 0556
Intervision	0037 0556
Irradio	0037 0556 0714
Isis	1037
Isukai	0037 0556
ITS	0037 0556
ITT	2125 0349 0208
ITT Nokia	0349 0208
ITV	0037 0556
Jean	0036
JEC	0035

JMB	0037 0634 0556 0443 2007
Jubilee	0556
JVC	0653 1818 1653 0036 0093 0650
Kaisui	0037 0556
Karcher	0037 0556 0714 1556 2125
Kathrein	0556 0037
Kendo	0037 0556 0512 1585 1037
Kennex	1037
Kingsbrook	1037
Kiton	0556 0037 0668
Kneissel	0037 0556
Kolster	0037 0556 0349
Konka	0037 0556 0714
Korpel	0037 0556
Kosmos	0037 0556
Kuba	0349
Kuba Electronic	0349
Küppersbusch	0037 1667
L&S Electronic	0714
Lavis	1037 0037
Lecson	0037 0556
Lenco	0037 0556 0587 1037 1983
Levis Austria	0037 0556
Leyco	0037 0556
LG	1840 2182 1423 1663 0178 0037 1305 1842 0714 1637 1721 1265 0556 0715 0698
Liesenkötter	0037 0556
Lifetec	0037 0668 1037 0512 0556 0714
Linsar	1585 1667 1037
Lodos	1037
Loewe	0512 0633 1884 0790 1836 0556 1835
Logik	1865 0011 1585 1037 1645 0037
Logix	0668
Luma	0037 0556
Lumatron	0037 0556
Lumenio	0037
Lux May	0037 0556
Luxor	0349 0208 1037 1667
Madison	0037 0556
Magnavox	0037 0556
Magnum	0714 0037 0556 0715 1289 1556
Manesth	0037 0556 0035
Manhattan	0037 0556 0668 1037
Marantz	0037 0556
Mark	0037 0556 0714 0715

Mascom	1556 0556 0037 2125 1585
Master's	0037
Matsui	0443 1037 2007 0037 0195 0556 0011 0036 034 9 0035 0208 0191 0335 0714 1667
Matsushita	0650
Matsuviana	0587
Maxim	1556
Mediator	0037 0556
Medion	0714 0037 0668 0556 0512 0698 1037 1289 155 6 1667
MEI	1037 0037 0556
Melectronic	0037 0512 0109 0343 0349 0287 0556 0634 019 1 0195 0661 0714 1652
Memory	1983
Mercury	0037 0556
Metz	0195 0191 0037 0556 0587 0668 1037 1637
Micromaxx	0037 0556 0668 1037 1324 0714
Mikomi	1585 1667 0037
Minato	0037 0556
Minerva	0195 0191
Ministry of Sound	1667
Minoka	0037 0556
Mirai	1651 0000
Mitsai	1556
Mitsubishi	0512 0037 0036 0556 0208 1037
Mivar	0609
Moree	0037
Morgan's	0037 0556
MTC	0349 0512
MTlogic	0714
Multitec	0037 0556 0668 1037 1556
Multitech	0349 0037 0556
Murphy	0443
Musikland	0037 0556
Mx Onda	1983 1645
MyCom	0178
Myryad	0556 0037
NAD	1156
Naiko	0037 0556
Nakimura	0037 0556
National	0226
NEC	0036 0037 0556 0011 1704 0653 0661
Neckermann	0037 0191 1505 1010 0556 0349 0512
NEI	0037 0556 1037
NEO	1324
Neufunk	0037 0556 0714

New Tech	0037 0556 0343
Nikkai	0037 0556 0035 0036 1667
Nikkei	0714
Nogamatic	0109
Nokia	0349 0208 0109
Nordmende	0560 0109 0287 0343 0195 0037 0556 0335 071 4 1289 0443 2007 1585 1667 0625
Normerel	0037 0556
Nortek	0668
Novak	0037 0556
Novatronic	0037 0556
Novita	1585
O.K.Line	1037 1324 1556
Oceanic	0208
Okano	0037 0556
OKI	1037 2125 1667 1585
Onei	1667
Onimax	0714
Onn	1556 2125 0556 1667
Opera	0037 0556 0714
Orava	1037
Orbit	0037 0556
Orion	2007 2032 0037 0443 0714 0556 0011 1037
Online	0037 0556
Ormond	0668 1037 0037 0556
Osaki	0037 0556
Osio	0037 0556
Osume	0036 0037 0556
OTIC	1645 1983
Otto Versand	1505 1010 0036 0093 0512 0037 0556 0195 034 9 0191 0109 0226 0343
Pacific	0037 0556 0714 1037 0443 1324 2007
Palladium	0037 0714 0191 1505 1010 0556 0349
Panache	1585
Panama	0037 0556
Panasonic	0650 1636 1650 0226 1310 0037 0556 1335
Panavision	0037 0556
Papouw	0037 0556
Pathe Cinema	0349
Pathe Marconi	0109
Penney	0047
Perdio	0037 0556
Perfekt	0037 0556
Philco	0037 0556
Philips	0556 0037 1506 1744 2015 1583 1495 0605 188 7 1455 2800 1454 0343

Phocus	1289 0714 1652
Phoenix	0037 0556
Phonola	0037 0556
Pilot	0556 0037
Pioneer	1457 0037 0556 0343 0109 0287 0512
Plantron	0037 0556
Playsonic	0714 0037 0715 1652
Polar	0037
Polaroid	1645 2125
Policom	0109
Powerpoint	0037 0556 0698
Prinston	1037
Prinz	0349
Pro Vision	0037 0556 1037 0714 1324
Profilo	1556
Profitronic	0037 0556
ProLine	0634 1037 0625 0037 0556
Prosonic	0037 0556 1865 0668 0714 1324 2106 2125 071 5 2663
Protech	0037 0556 0349 0668 1037
Proview	1645
Pye	0037 0556 0349
Quadro	0556 0037 1667
Quelle	0037 1505 1010 0011 0109 0512 0349 0191 003 6 0668 0556 0195 1037
Questa	0036
Radialva	0109 0037 0556 0287
Radiola	0037 0556
Radiomarelli	0037 0556
Radionette	0714
RadioShack	0037 0556
Radiotone	0037 0556 0668 1037
Rank Arena	0036
Recor	0037 0556
Rectiligne	0037 0556
Red	2032
Red Star	0037 1556 0556
Rediffusion	0036
Reflex	0037 0556 1037 0668
Relisys	1585 1645
Reoc	0714 0634
Revox	0037 0556
RFT	0037 0556
Ricoh	0037 0556
R-Line	0037 0556

Roadstar	1037 0715 0037 0556 0714 0668
Rodex	0037 0556
Rolsen	0037 0556
Rowa	0587 0037 0556
Royal Lux	0335
Rukopir	0556 0037
Saba	0625 0109 0560 0343 0287 0335 0650 0714 1588
Sagem	0618
Saisho	0011
Saivod	0037 0556 0668 1556 1037
Salora	0349 0208 1556 2125
Salsa	0335
Samsung	2051 0812 0618 0587 1458 1619 0556 1249 1630 0644 0037 0766 0814 0178
Sansui	0037 0556
Sanyo	0208 1208 0036 0011 0037 0556 1037 1667 1585
Save	0037 0556
SBR	0037 0556
Schaub Lorenz	0714 0349 1324 1667 2125
Schneider	0037 0556 0349 0343 0668 1037 0714 1324
Schöntech	1037
Scott	1983
Seaway	0634
Seelver	0556 1037 0037
SEG	1037 0037 0556 0668 0349 0634 0036 2125
SEI	1505 1010 0349 0037 0556
Sei-Sinudyne	1505 1010 0037 0556
Seitech	1324
Seleco	0036
Sencor	0714
Sentra	0035 0349
Serie Dorada	0178
Serino	0093
Sharp	1659 0093 1193 1393 2214 0036 0818 2402 0852
Shintoshi	0037 0556
Shivaki	0037 0556 0443 2007 0178
Siemens	0191 0195 0037 0556
Siera	0037 0556 0587
Silva	0037 0556
Silva Schneider	1556 2125
Silver	0036 0037 0556 0715
SilverCrest	1037 0037 0556
Singer	0037 0556 0335

Sinudyne	1324 0349 1505 1010 0037 0556
Sky	0178 0661
Sliding	1324
SLX	0668
Solavox	0037 0556
Soniko	0037 0556
Sonitron	0208
Sonneclair	0037 0556
Sonoko	0037 0556
Sonolor	0208 1505 1010
Sontec	0037 0556
Sontech	1983
Sony	1825 2778 1505 1651 1751 1625 1010 0011 168 5 0036 0000 0810
Sound & Vision	0037 0556
Soundwave	0037 0556 0715
Standard	0037 0556 1037
Starion	1037
Starlite	0037 0556
Stevison	1556
Strato	0037 0556
Strong	1037 0037 0556
Sunic Line	0037 0556
Sunkai	0037 0556
Sunny	0037
Sunstar	0037 0556
Sunwood	0037 0556
SuperTech	0037 0556
Susumu	0335 0287
Sysline	0037 0556
Tandberg	0109
Tandy	0093
Targa	0618
Tashiko	0036
Tatung	0037 1556 0556 0011 1324
TCM	0714 1289
Teac	1645
TEC	0335 0037 0556
Tech Line	0037 1585 0556 0668
Technika	2106 2032 1865 1667 1983 1585 2125
TechniSat	0037 0556
Technisson	0714 1289 1652
Techno	1585 1037
Technosonic	0625 2032 0556 1324 0037 0714
Techvision	2032

Techwood	1037 1667
Tecnimagen	0556
Tedalex	0037 0208 0587 0556
TELE System	2125 1585 1037 0037
Teleavia	0109 0287 0343
Telecor	0037 0556
Telefunken	1667 0625 0560 0109 0343 0287 0335 0037 0556 0714 1556 1585 1588
Telefusion	0037 0556
Telegazi	0037 0556
Telemeister	0037 0556
Telesonic	0037 0556
Telestar	0037 0556
Teletech	0037 0556 0668 1037
Teleton	0349 0036
Teleview	0037 0556
Tennessee	0037 0556
Tensai	0037 0556 0715 1037
Tesla	1037 0037 0668 0714 1652 0715 0556
Tevion	0556 1645 1556 2032 0668 1037 1289 1585 0714 0037
Thomson	0625 0560 0343 0287 0109 0335 1588 0037 0556 0349
Thorn	0109 0343 1505 1010 0037 0556 0011 0335 0512 0036 0035
Thorn-Ferguson	0335 0035
Tokai	0037 0556 0668 1037
Tokaido	1037
Tokyo	0035
Topline	1037 0668
Toshiba	1508 0508 0035 1289 1656 0714 1667 1582 1265 1704 0109 0195 0191 0618 0698 0037 0832 1556 0650 1156 1037 2732 1652
Towada	0349
TRANS-continentals	0668 1037 0556 0037
Triad	0037 0556
Trio	1645
Triumph	0556 0037
TVTEXT 95	0556
Uher	0037 0556
Ultravox	0037 0556
UMC	2106
Unic Line	0037 0556 0349
United	0714 1983 0037 0715 0556 1037 0587 1652 2663 2125
Universal	0714 0037 0556
Universum	1037 0037 0668 0195 0011 0512 0036 0556 1505 1010 0349 0109 0618

Univox	0037 0556
V7 Videoseven	0178 0618 1651 1505 0000
Vanguard	0037 0556
Venturer	1865
Vestel	1037 1585 1667 0037 0668 0556
Vexa	0037 0556
VideoSystem	0037 0556
ViewSonic	1588
Vision	0037 0556
VisionPlus	2106
Visual Innovations	2106
Vivax	0037
Vortec	0037 0556
Voxson	0037 0556 0178
Walker	1667 0037 1037 1585
Waltham	0287 0037 0556 0668 0109 1037 0443 2007
Watson	1037 0556 0037 0668
Watt Radio	0349
Wega	0037 0556 0036
Wegavox	0037 0556
Welltech	0714 1652
Weltblick	0037 0556
Weltstar	1037
Weston	0037 0556
Wharfedale	1983 1667 1324 0037 1037 0714 0556 1556
White Westinghouse	0037 0556
Wilson	0556
Windsor	0668 1037
Windy Sam	0556
World-of-Vision	1289
XDome	0508
Xenius	0634
Xiron	1983
Xoro	1243 1324
Xrypton	0037 0556
Yamaha	0650 1576
Yamishi	0037 0556
Yokan	0037 0556
Yoko	0037 0556
YU-MA-TU	0037
Zepto	1585